

Test Report

No. SH8175285/CHEM

Date: Dec. 1, 2008

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HANGZHOU FUQIANG FINE CHEMICAL FACTORY
 CHANG ER VILLAGE, CHANG HE TOWN, HANGZHOU CITY, ZHEJIANG PROVINCE

The following sample(s) was/were submitted and identified by/on behalf of the client as:

Sample Name : UV CURABLE VARNISH
 SGS Ref No. : 11458087-2
 Main Substance : UV RESIN

Sample Receiving Date : Nov.27, 2008
 Testing Period : Nov.27 – Dec.01, 2008

Test Requested : (1) As specified by client, to determine Lead contents in the submitted sample in accordance with the American Society for Testing and Materials –ASTM F963-07^{e1}.
 (2) For compliance with Lead in similar surface coating material and Phthalates content in US Public Law 110-314 (HR 4040 'Consumer Product Safety Improvement Act of 2008')

Test method : (1) Total Lead content (Clause 4.3.5.1) - Sample was digested in nitric acid/hydrogen peroxide/hydrochloric acid, Analysis was performed by Atomic Absorption Spectrometry.
 (2) Please refer to next page(s).

Test Results : Please refer to next pages

Results summary :

Test item	Result
Lead in similar surface coating material	PASS
Phthalates	PASS

Conclusion : (1) When tested as specified, the Total Lead content of submitted sample does not exceed with the stated Requirements of ASTM F963-07^{e1}.

Signed for and on behalf of
 SGS-CSTC Chemical Laboratory



Sandy Hao
 Lab Manager

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(2-2) Phthalates

Test Method: With reference to ASTM D3421-75. Analysis was performed by Gas Chromatography/Mass Spectrometer.

Toys and childcare articles

<u>Test item(s)</u>	<u>1</u>	<u>Permissible Limit</u>
Dibutyl Phthalate(DBP)	ND	0.1%
Benzylbutyl Phthalate(BBP)	ND	0.1%
Bis-(2-ethylhexyl) Phthalate(DEHP)	ND	0.1%
Conclusion	PASS	---

Toys that can be placed in the mouth and childcare articles

<u>Test item(s)</u>	<u>1</u>	<u>Permissible Limit</u>
Diisononyl Phthalate(DINP)	ND	0.1%
Di-n-octyl Phthalate(DNOP)	ND	0.1%
Diisodecyl Phthalate(DIDP)	ND	0.1%
Conclusion	PASS	---

Sample Description:

1. Brown liquid

Note:

- 1) %=percentage by weight
- 2) ND=not detected
- 3) Method Detection Limit for each of DBP, BBP, DEHP and DNOP =0.003%
- 4) Method Detection Limit for each of DINP and DIDP =0.010%
- 5) Effective Date = 10 February 2009

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Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***

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